

Product datasheet for MR231710

Snapc4 (NM_001290419) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snapc4 (NM_001290419) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Snapc4
Synonyms: 5730436L13Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR231710 representing NM_001290419
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR231710 representing NM_001290419
 Red=Cloning site Green=Tags(s)

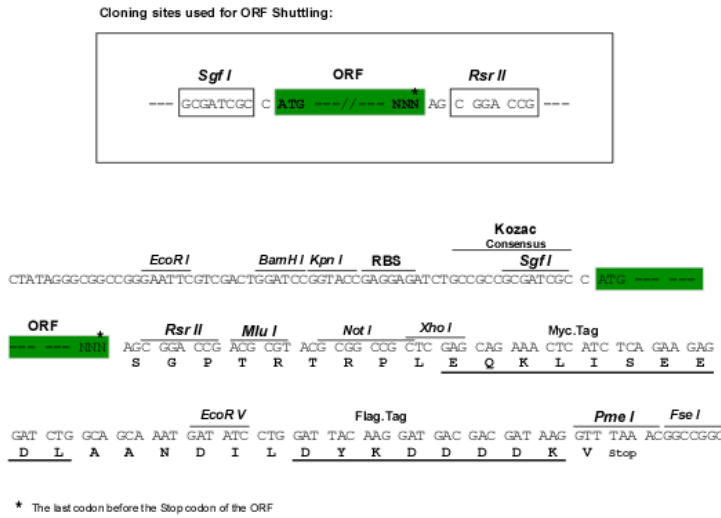
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Restriction Sites:

SgfI-RsrII

Cloning Scheme:

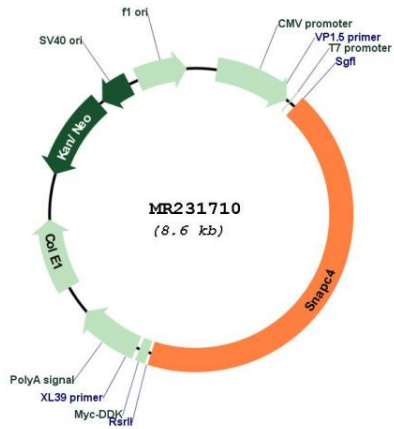


ACCN: NM_001290419

ORF Size: 3705 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001290419.1 , NP_001277348.1
RefSeq Size:	4507 bp
RefSeq ORF:	3708 bp
Locus ID:	227644
UniProt ID:	Q8BP86
Cytogenetics:	2 A3
MW:	136.7 kDa
Gene Summary:	Part of the SNAPc complex required for the transcription of both RNA polymerase II and III small-nuclear RNA genes. Binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Recruits TBP and BRF2 to the U6 snRNA TATA box (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR231710